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**Amendments to the Claims:**

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 11, 66 and 76 are canceled without prejudice or disclaimer.

Claims 6, 12, 19-21, 27, 31, 54, 55, 67, 77, 78, 81 and 82 are amended.

**Listing of Claims:**

1. (Original) A display apparatus comprising plural pixel electrodes arranged in a matrix, a switching element connected with a pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode forming a capacitance with the pixel electrode, further comprising
  - a storage capacitance between the pixel electrode and the scanning electrode excluding the scanning electrode of the present line;
  - more than two capacitance elements connected with the pixel electrode,wherein at least one of a gate-drain inter-electrode capacitance of the switching element and the storage capacitance are included, have a different value according to the distance from a power feeding edge of the scanning electrode;
- wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ , a first capacitance ratio  $\alpha_{gd}$  shown by (Expression 56) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode.

(Expression 56)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

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2. (Original) The display apparatus according to claim 1, wherein, both the gate-drain inter-electrode capacitance and the storage capacitance increase according to the distance from the power feeding edge of the scanning electrode.
3. (Original) The display apparatus according to claim 1, wherein, both the gate-drain inter-electrode capacitance and the storage capacitance decrease according to the distance from the power feeding edge of the scanning electrode.
4. (Original) The display apparatus according to claim 1, wherein, both the storage capacitance and a capacitance formed between the opposite electrode and the pixel electrode decrease according to the distance from the power feeding edge of the scanning electrode.
5. (Previously Presented) The display apparatus according to claim 1, wherein each capacitance element of the pixel is set so a second capacitance ratio  $\alpha_{st}$  shown by (Expression 57) is substantially constant.  
(Expression 57)  
$$\alpha_{st} = C_{st}/C_{tot}$$
6. (Currently Amended) The display apparatus according to claim 1, wherein each capacitance element of the pixel is set so a [[the]] second capacitance ratio  $\alpha_{st}$  shown by (Expression 58) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode.  
(Expression 58)  
$$\alpha_{st} = C_{st}/C_{tot}$$
7. (Previously Presented) The display apparatus according to claim 1, wherein the display medium is a liquid crystal.

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8. (Previously Presented) The display apparatus according to claim 1, further comprising a means for overlapping a voltage to the driving circuit of the scanning signal via the storage capacitance.

9. (Original) The display apparatus according to claim 8, wherein the driving circuit of the scanning signal comprising an output voltage of more than four values.

10. (Original) The display apparatus according to claim 8, wherein the voltage via the storage capacitance is applied to the pixel electrode after applying the voltage via the switching element.

11. (Canceled)

12. (Currently Amended) A display apparatus comprising plural pixel electrodes arranged in a matrix, a switching element connected with a pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode forming a capacitance between the pixel electrode, a storage capacitance electrode, and further comprising  
a first storage capacitance between the pixel electrode and the scanning electrode excluding the scanning electrode of the present line; and  
a second storage capacitance between the pixel electrode and the storage capacitance electrode;

~~The display apparatus according to claim 11,~~ wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the first storage capacitance is denoted as  $C_{st1}$ , and a second storage capacitance is denoted as  $C_{st2}$ ,

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the third capacitance ratio  $\alpha_{gd1}$  shown by (Expression 59) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode.

(Expression 59)

$$\alpha_{gd1} = C_{gd}/C_{tot}$$

13. (Original) The display apparatus according to claim 12, wherein the gate-drain inter-electrode capacitance increases according to the distance from the power feeding edge of the scanning electrode.
14. (Original) The display apparatus according to claim 12, wherein, more than two capacitance elements connected with the pixel electrode, including at least one of a gate-drain inter-electrode capacitance, the first storage capacitance, the second storage capacitance, have different value according to the distance from the power feeding edge of the scanning electrode.
15. (Original) The display apparatus according to claim 14, wherein both the gate-drain inter-electrode capacitance and the first storage capacitance increase according to the distance from the power feeding edge of the scanning electrode.
16. (Original) The display apparatus according to claim 14, wherein the gate-drain inter-electrode capacitance increases according to the distance from the power feeding edge of the scanning electrode and the second storage capacitance decreases according to the distance from the power feeding edge of the scanning electrode.
17. (Original) The display apparatus according to claim 14, wherein both the first storage capacitance and the second storage capacitance decrease according to the distance from the power feeding edge of the scanning electrode.

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18. (Original) The display apparatus according to claim 17, wherein, the capacitance ratio  $C_{st1}/C_{st2}$  is substantially constant.

19. (Currently Amended) The display apparatus according to claim ~~[[11]]~~ 12, wherein each capacitance element of the pixel is set as the fourth capacitance ratio  $\alpha_{st1}$  shown by (Expression 60) is substantially constant.

(Expression 60)

$$\alpha_{st1} = C_{st1}/C_{tot}$$

20. (Currently Amended) The display apparatus according to claim ~~[[11]]~~ 12, wherein each capacitance element of the pixel is set so the fourth capacitance ratio  $\alpha_{st1}$  shown by (Expression 61) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode.

(Expression 61)

$$\alpha_{st1} = C_{st1}/C_{tot}$$

21. (Currently Amended) The display apparatus according to claim ~~[[11]]~~ 12, wherein a parallel monotonic capacitance is not formed between the pixel electrode and the opposite electrode via the display medium.

22. (Original) The display apparatus according to claim 21, wherein the opposite electrode is formed on the substrate on which the pixel electrode is formed.

23. (Original) The display apparatus according to claim 21, wherein the opposite electrode is not formed on the substrate on which the pixel electrode is formed, and the display medium is controlled by an electric field that is substantially parallel to the substrate and an electric field that has skew relative to the substrate.

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24. (Original) The display apparatus according to claim 21, wherein the opposite electrodes are formed both on the substrate having the pixel electrode and the substrate opposing said substrate, and the display medium is controlled by an electric field that is substantially parallel to the substrate and an electric field that has skew relative to the substrate.
25. (Original) The display apparatus according to claim 23, wherein the display medium is a liquid crystal.
26. (Original) The display apparatus according to claim 24, wherein the display medium is a liquid crystal.
27. (Currently Amended) The display apparatus according to claim ~~[[11]]~~ 12, further comprising a means for overlapping a voltage to the driving circuit of the scanning signal via the storage capacitance.
28. (Original) The display apparatus according to claim 27, wherein the driving circuit of the scanning signal comprises an output voltage of more than four values.
29. (Original) The display apparatus according to claim 27, wherein the voltage is applied to the pixel electrode via the storage capacitance after applying the voltage via the switching element.
30. (Original) A display apparatus comprising plural pixel electrodes arranged in a matrix, a switching element connected with a pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, and further comprising

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a storage capacitance between the pixel electrode and the scanning electrode  
excluding the scanning electrode of the present line;

wherein, there are plural scanning electrodes connected with one edge of the  
storage capacitances whose other edges are connected with the pixel electrode of plural  
pixels belonging to one of the scanning electrodes;

wherein, when all capacitance connected with the pixel electrode in a pixel is  
denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is  
denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

both the first capacitance ratio  $\alpha_{gd}$  shown by (Expression 62) and the second  
capacitance ratio  $\alpha_{st}$  shown by (Expression 63) have a different value according to the  
scanning electrode to which the storage capacitance is connected.

(Expression 62)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

(Expression 63)

$$\alpha_{st} = C_{st}/C_{tot}$$

31. (Currently Amended) The display apparatus according to claim 30, further  
comprising a picture signal drive circuit applying two picture signals having different  
polarity from each other to the plural picture signal electrodes.

32. (Withdrawn) The display apparatus according to claim 31, wherein, among plural  
pixels belonging to a scanning electrode (scanning electrode "0"),

a scanning electrode connected with one edge of a storage capacitance wherein  
the other edge is connected with a pixel electrode of a pixel belonging to the picture  
signal electrode that applies a picture signal of the first polarity is a common scanning  
electrode (it is called as scanning electrode A),

a scanning electrode connected with one edge of a storage capacitance wherein  
the other edge is connected with a pixel electrode of a pixel belonging to the picture

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signal electrode that applies a picture signal of the second polarity is also a common scanning electrode (it is called as scanning electrode B),  
wherein the scanning electrode A and the scanning electrode B are different.

33. (Withdrawn) The display apparatus according to claim 32, wherein the scanning electrode A is located as the preceding line of the scanning electrode 0, and the scanning electrode B is located as the next line of the scanning electrode 0.

34. (Withdrawn) The display apparatus according to claim 33, wherein  $\alpha_{gd}$  and  $\alpha_{st}$  of the pixel whose storage capacitance is connected with the scanning electrode of the preceding line are represented as  $\alpha_{gd}(P)$  and  $\alpha_{st}(P)$ ,  $\alpha_{gd}$  and  $\alpha_{st}$  of the pixel whose storage capacitance is connected with the scanning electrode of the next line are represented as  $\alpha_{gd}(Q)$  and  $\alpha_{st}(Q)$ , and (Expression 64) is satisfied.

(Expression 64)

$$\alpha_{st}(P) < \alpha_{st}(Q)$$

35. (Withdrawn) The display apparatus according to claim 34, further comprising a scanning signal drive circuit applying a voltage signal to a plural scanning electrodes, wherein the scanning signal drive circuit comprises an output voltage of more than four values.

36. (Withdrawn) The display apparatus according to claim 35, wherein when the scanning electrode 0 is selected, the voltage of the scanning electrode 0 becomes the first voltage level  $V_{gon}$ , the scanning electrode A and the scanning electrode B become the second voltage level  $V_{ge}(+)$  and the third voltage level  $V_{ge}(-)$  respectively, and during the holding period when the scanning electrode 0 is not selected, the voltage of the scanning electrode 0 becomes the fourth voltage level  $V_{goff}$ , and (Expression 65) is satisfied.



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(Expression 65)

$$\beta(P) < \beta(Q)$$

wherein,

$$\beta(P) = \alpha_{st}(P)(\Delta V_{gec}/\Delta V_{gon}) + \alpha_{gd}(P)$$

$$\beta(Q) = \alpha_{st}(Q)(\Delta V_{gec}/\Delta V_{gon}) + \alpha_{gd}(Q)$$

$$\Delta V_{gec} = (V_{ge(+)} + V_{ge(-)})/2 - V_{goff}$$

$$\Delta V_{gon} = V_{gon} - V_{goff}$$

37. (Original) A display apparatus comprising plural pixel electrodes arranged in a matrix, a switching element connected with a pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, and further comprising, a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

the second capacitance ratio  $\alpha_{st} = C_{st}/C_{tot}$  shown by (Expression 66) varies according to the distance from the display edge of the scanning electrode.

(Expression 66)

$$\alpha_{st} = C_{st}/C_{tot}$$

38. (Original) The display apparatus according to claim 37, wherein the second capacitance ratio  $\alpha_{st}$  increases continuously or in stages according to the distance from the display edge of the scanning electrode.

39. (Original) The display apparatus according to claim 38, further comprising a scanning signal drive circuit applying a voltage signal to plural scanning electrodes,

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wherein the scanning signal drive circuit comprises an output voltage of more than four values.

40. (Original) The display apparatus according to claim 39, wherein when a scanning electrode (it is called as scanning electrode 0) is selected, the voltage of the scanning electrode 0 becomes the first voltage level  $V_{gon}$ , the voltage of a scanning electrode (it is called as scanning electrode A), which is connected with one edge of a storage capacitance wherein the other edge is connected with a pixel electrode of plural pixels belonging to the scanning electrode, becomes the second voltage level  $V_{ge}(+)$  and the third voltage level  $V_{ge}(-)$  according to the displaying period, and during holding period when the scanning electrode 0 is not selected, the voltage of the scanning electrode 0 becomes the fourth voltage level  $V_{goff}$ , and  $\beta$  shown by (Expression 67) increases continuously or in stages according to the distance from the display edge of the scanning electrode.

(Expression 67)

$$\beta = \alpha st(\Delta V_{gec}/\Delta V_{gon}) + \alpha gd$$

herein

$$\Delta V_{gec} = (V_{gc}(+) + V_{ge}(-))/2 - V_{goff}$$

$$\Delta V_{gon} = V_{gon} - V_{goff}$$

41. (Original) The display apparatus according to claim 40, wherein when the values of  $\alpha st$  and  $\beta$  of the scanning electrode at the display edge are represented as  $\alpha st(0)$  and  $\beta(0)$ , the values of  $\alpha st - \alpha st(0)$  and  $\beta - \beta(0)$  are substantially proportional to the second power of the distance from the display edge of the scanning electrode.

42. (Original) A display apparatus comprising a pixel electrode arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, and further comprising

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a storage capacitance between the pixel electrode and the scanning electrode excluding the scanning electrode of the present line;

wherein, there are plural scanning electrodes connected with one edge of the storage capacitances whose other edges are connected with the pixel electrode of plural pixels belonging to one of the scanning electrode;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

both the first capacitance ratio  $\alpha_{gd}$  shown by (Expression 68) and the second capacitance ratio  $\alpha_{st}$  shown by (Expression 69) are a different value according to the scanning electrode to which the storage capacitance is connected, and are varied according to the distance from display edge of the scanning electrode.

(Expression 68)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

(Expression 69)

$$\alpha_{st} = C_{st}/C_{tot}$$

43. (Original) The display apparatus according to claim 42, further comprising a picture signal drive circuit applying two kinds of picture signals having different polarity from each other to the plural picture signal electrodes at the same time.

44. (Original) The display apparatus according to claim 42, wherein, among plural pixels belonging to a scanning electrode (scanning electrode "0"),

a scanning electrode, which is connected with one edge of a storage capacitance wherein the other edge is connected with a pixel electrode of a pixel belonging to the picture signal electrode which applies picture signal of the first polarity, is a common scanning electrode (it is called as scanning electrode A),

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a scanning electrode, which is connected with one edge of a storage capacitance wherein the other edge is connected with a pixel electrode of a pixel belonging to the picture signal electrode which applies picture signal of the second polarity, is also a common scanning electrode (it is called as scanning electrode B), and the scanning electrode A and the scanning electrode B are different.

45. (Original) The display apparatus according to claim 44, wherein the scanning electrode A is located at the preceding line of the scanning electrode O, and the scanning electrode B is located as the next line of the scanning electrode O.

46. (Original) The display apparatus according to claim 45, wherein  $\alpha_{gd}$  and  $\alpha_{st}$  of the pixel whose storage capacitance is connected with the scanning electrode of the preceding line are represented as  $\alpha_{gd}(P)$  and  $\alpha_{st}(P)$ , and  $\alpha_{gd}$  and  $\alpha_{st}$  of the pixel whose storage capacitance is connected with the scanning electrode of the next line are represented as  $\alpha_{gd}(Q)$  and  $\alpha_{st}(Q)$ , and (Expression 70) is satisfied.

(Expression 70)

$$\alpha_{st}(P) < \alpha_{st}(Q)$$

47. (Original) The display apparatus according to claim 46, further comprising a scanning signal drive circuit applying a voltage signal to a plural scanning electrodes, wherein the scanning signal drive circuit comprises an output voltage of more than four values.

48. (Original) The display apparatus according to claim 47, wherein when the scanning electrode O is selected, the voltage of the scanning electrode O becomes the first voltage level  $V_{gon}$ , the scanning electrode A and the scanning electrode B become the second voltage level  $V_{ge}(+)$  and the third voltage level  $V_{ge}(-)$  respectively, and during the holding period when the scanning electrode O is not selected, the voltage of the

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scanning electrode 0 becomes the fourth voltage level  $V_{goff}$ , and (Expression 71) is satisfied.

(Expression 71)

$$\beta(P) < \beta(Q)$$

wherein

$$\beta(P) = \alpha_{st}(P)(\Delta V_{gec}/\Delta V_{gon}) + \alpha_{gd}(P)$$

$$\beta(Q) = \alpha_{st}(Q)(\Delta V_{gec}/\Delta V_{gon}) + \alpha_{gd}(Q)$$

$$\Delta V_{gec} = (V_{ge}(+) + V_{ge}(-))/2 - V_{goff}$$

$$\Delta V_{gon} = V_{gon} - V_{goff}$$

49. (Original) The display apparatus according to claim 48, wherein  $[\alpha_{st}(P) + \alpha_{st}(Q)]/2$  varies continuously or in stages according to the distance from the display edge of the scanning electrode.

50. (Original) The display apparatus according to claim 49, wherein when  $\beta(P)$  and  $\beta(Q)$  are shown by (Expression 72),  $[\beta(P) + \beta(Q)]/2$  increases continuously or in stages according to the distance from the display edge of the scanning electrode.

(Expression 72)

$$\beta = \alpha_{st}(\Delta V_{gec}/\Delta V_{gon}) + \alpha_{gd}$$

wherein

$$\Delta V_{gcc} = (V_{ge}(+) + V_{ge}(-))/2 - V_{goff}$$

$$\Delta V_{gon} = V_{gon} - V_{goff}$$

51. (Original) The display apparatus according to claim 50, wherein when values of  $\alpha_{st}(P)$ ,  $\alpha_{st}(Q)$ ,  $\beta(P)$  and  $\beta(Q)$  at the display edge of the scanning electrode are described as  $\alpha_{st}(P,0)$ ,  $\alpha_{st}(Q,0)$ ,  $\beta(P,0)$  and  $\beta(Q,0)$ , the values of  $[\alpha_{st}(P) - \alpha_{st}(P,0) + \alpha_{st}(Q) - \alpha_{st}(Q,0)]/2$  and  $[\beta(P) - \beta(P,0) + \beta(Q) - \beta(Q,0)]/2$  are substantially proportional to the second power of the distance from the display edge of the scanning electrode.

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52. (Original) The display apparatus according to claim 47, wherein the voltage is applied via the storage capacitance to the pixel electrode after applying the voltage via the switching element.

53. (Canceled)

54. (Currently Amended) A display apparatus comprising a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the thin-film-transistor; a storage capacitance electrode forming a storage capacitance with the pixel electrode; an opposite electrode formed to oppose the pixel electrode on the same substrate or on an other substrate; a gate drive circuit supplying a gate pulse to the gate wiring sequentially; and a source drive circuit supplying a source signal to the source wiring, on the opposing surface of one substrate among two substrates which are opposed to each other,

wherein the storage capacitance decreases according to the distance from the feeding edge of the gate signal and the thin-film-transistor becomes small according to the decrease of the storage capacitance.

55. (Currently Amended) A display apparatus comprising a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the TFT; a storage capacitance electrode forming a storage capacitance with the pixel electrode; an opposite electrode formed to oppose the pixel electrode on the same substrate or on an other substrate; a gate drive circuit supplying a gate pulse to the gate wiring sequentially; and a source drive circuit supplying a source signal to the source

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wiring, on the opposing surface of one substrate among two substrates which are opposed to each other,

wherein the thin-film-transistor is composed of a gate electrode connected with the gate wiring, a source electrode connected with the source wiring and a drain electrode connected with the pixel electrode, and the source electrode and the drain electrode are separated by channel-length  $L$  with width  $W$ , and the storage capacitance electrode becomes small according to the distance from the feeding edge of the gate signal, and

the width  $W$  of the channel of the drain electrode of the thin-film-transistor is reduced according to the decrease of the area of the storage capacitance electrode, and the electrostatic capacitance formed by overlapping of the gate and the drain becomes constant.

56. (Previously Presented) The display apparatus according to claim 54, wherein the gate pulse is applied to more than two gate wirings at the same time.

57. (Original) The display apparatus according to claim 56, wherein the gate pulse is applied to more than two continuous gate wirings at the same time.

58. (Original) A display apparatus comprising a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the TFT; a storage capacitance electrode forming a storage capacitance between the pixel electrode; an opposite electrode formed as opposing the pixel electrode on the same substrate or on an other substrate,

wherein the thin-film-transistor is composed of a gate electrode connected with the gate wiring, a source electrode connected with the source wiring and a drain electrode connected with the pixel electrode, and the source electrode and the drain electrode are

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separated by channel-length  $L$  with width  $W$ , and the storage capacitance electrode becomes small according to the distance from the feeding edge of the gate signal, wherein the electrostatic capacitance between the gate electrode and the drain electrode becomes large according to the decrease in the storage capacitance.

59. (Original) The display apparatus according to claim 58, wherein when the storage capacitance is denoted as  $C_{st}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the electrostatic capacitance between the drain electrode and the opposite electrode is denoted as  $C_{lc}$ , the value  $C_{st}+C_{gd}+C_{lc}$  becomes substantially constant.

60. (Canceled)

61. (Original) The display apparatus according to claim 5, further comprising a second switching element wherein the pixel electrode combines a gate electrode of the second switching element or the pixel electrode is connected with a gate electrode of the second switching element.

62. (Original) The display apparatus according to claim 6, further comprising a second switching element wherein the pixel electrode combines a gate electrode of the second switching element or the pixel electrode is connected with a gate electrode of the second switching element.

63. (Original) The display apparatus according to claim 19, further comprising a second switching element wherein the pixel electrode combines a gate electrode of the second switching element or the pixel electrode is connected with a gate electrode of the second switching element.



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64. (Original) The display apparatus according to claim 20, further comprising a second switching element wherein the pixel electrode combines a gate electrode of the second switching element or the pixel electrode is connected with a gate electrode of the second switching element.

65. (Original) A display device comprising plural pixel electrodes arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode forming a capacitance with the pixel electrode, and further comprising

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

more than two capacitance elements connected with the pixel electrode, including at least one of a gate-drain inter-electrode capacitance of the switching element and the storage capacitance, having different values according to the distance from the power feeding edge of the scanning electrode;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ , a first capacitance ratio  $\alpha_{gd}$  shown by (Expression 73) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode.

(Expression 73)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

66. (Canceled)

67. (Currently Amended) A display device comprising plural pixel electrodes arranged in a matrix, a switching element connected with a pixel electrode, a scanning

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electrode, a picture signal electrode, an opposite electrode forming a capacitance with the pixel electrode, a storage capacitance electrode, and further comprising  
a first storage capacitance between the pixel electrode and the scanning  
electrode other than the scanning electrode of the present line; and  
a second storage capacitance between the pixel electrode and the storage  
capacitance electrode;

The display device according to claim 66, wherein when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the first storage capacitance is denoted as  $C_{st1}$ , a second storage capacitance is denoted as  $C_{st2}$ ,

the third capacitance ratio  $\alpha_{gd1}$  shown by (Expression 74) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode.

(Expression 74)

$$\alpha_{gd1} = C_{gd}/C_{tot}$$

68. (Original) A display device comprising plural pixel electrodes arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, and further comprising

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

wherein, there are plural scanning electrodes connected with one edge of the storage capacitances whose other edges are connected with the pixel electrode of plural pixels belonging to one of the scanning electrodes;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

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both the first capacitance ratio  $\alpha_{gd}$  shown by (Expression 75) and the second capacitance ratio  $\alpha_{st}$  shown by (Expression 76) have a different value according to the scanning electrode to which the storage capacitance is connected.

(Expression 75)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

(Expression 76)

$$\alpha_{st} = C_{st}/C_{tot}$$

69. (Original) A display device comprising plural pixel electrodes arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, and further comprising,

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

the second capacitance ratio  $\alpha_{st} = C_{st}/C_{tot}$  shown by (Expression 77) varies according to the distance from the display edge of the scanning electrode.

(Expression 77)

$$\alpha_{st} = C_{st}/C_{tot}$$

70. (Original) A display device comprising a pixel electrode arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, and further comprising

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

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wherein, there are plural scanning electrodes connected with one edge of the storage capacitances whose other edges are connected with the pixel electrode of plural pixels belonging to one of the scanning electrodes;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

both the first capacitance ratio  $\alpha_{gd}$  shown by (Expression 78) and the second capacitance ratio  $\alpha_{st}$  shown by (Expression 79) have a different value according to the scanning electrode to which the storage capacitance is connected, and are varied according to the distance from display edge of the scanning electrode.

(Expression 78)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

(Expression 79)

$$\alpha_{st} = C_{st}/C_{tot}$$

71. (Original) A display device comprising a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the thin-film-transistor; a storage capacitance electrode forming a storage capacitance with the pixel electrode; an opposite electrode formed to oppose the pixel electrode on the same substrate or on an other substrate; a gate drive circuit supplying a gate pulse to the gate wiring sequentially; and a source drive circuit supplying a source signal to the source wiring, on the opposing surface of one substrate among two substrates that are opposed each other,

wherein the storage capacitance decreases according to the distance from the feeding edge of the gate signal and the thin-film-transistor becomes small according to the decrease of the storage capacitance.

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72. (Original) A display device comprising a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the TFT; a storage capacitance electrode forming a storage capacitance between the pixel electrode; an opposite electrode formed as opposing the pixel electrode on the same substrate or on an other substrate; a gate drive circuit supplying a gate pulse to the gate wiring sequentially; and a source drive circuit supplying a source signal to the source wiring, on the opposing surface of one substrate among two substrates which are opposed to each other,

wherein the thin-film-transistor is composed of a gate electrode connected with the gate wiring, a source electrode connected with the source wiring and a drain electrode connected with the pixel electrode, and the source electrode and the drain electrode are separated by channel-length  $L$  with width  $W$ , and the storage capacitance electrode become small according to the distance from the feeding edge of the gate signal, and

the width  $W$  of the channel of the drain electrode of the thin-film-transistor is reduced according to the decrease of the area of the storage capacitance electrode, and the electrostatic capacitance formed by overlapping of the gate and the drain becomes constant.

73. (Original) A display device comprising a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the TFT; a storage capacitance electrode forming a storage capacitance with the pixel electrode; an opposite electrode formed as opposing the pixel electrode on the same substrate or on an other substrate,

wherein the thin-film-transistor is composed of a gate electrode connected with the gate wiring, a source electrode connected with the source wiring and a drain electrode connected with the pixel electrode, and the source electrode and the drain electrode are opposed separated by channel-length  $L$  with width  $W$ , and the storage capacitance

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electrode becomes small according to the distance from the feeding edge of the gate signal,

wherein the electrostatic capacitance between the gate electrode and the drain electrode becomes large according to the decrease in the storage capacitance.

74. (Canceled)

75. (Original) A method for driving a display apparatus which comprises plural pixel electrodes arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, and an opposite electrode forming a capacitance with the pixel electrode, which apparatus further comprises

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

more than two capacitance elements connected with the pixel electrode, including at least one of a gate-drain inter-electrode capacitance of the switching element and the storage capacitance, having a different value according to the distance from the power feeding edge of the scanning electrode;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ , a first capacitance ratio  $\alpha_{gd}$  shown by (Expression 80) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode,

wherein the method applies the voltage to the pixel electrode via the storage capacitance after applying the voltage via the switching element.

(Expression 80)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

76. (Canceled)

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77. (Currently Amended) A method for driving a display apparatus which comprises plural pixel electrodes arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode forming a capacitance with the pixel electrode, a storage capacitance electrode, which apparatus further comprises

a first storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

a second storage capacitance between the pixel electrode and the storage capacitance electrode,

wherein the method applies the voltage to the pixel electrode via the storage capacitance after applying the voltage via the switching element;

~~The method for driving a display apparatus according to claim 76,~~ wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the first storage capacitance is denoted as  $C_{st1}$ , a second storage capacitance is denoted as  $C_{st2}$ , the third capacitance ratio  $\alpha_{gd1}$  shown by (Expression 81) increases continuously or in stages according to the distance from the power feeding edge of the scanning electrode.

(Expression 81)

$$\alpha_{gd1} = C_{gd}/C_{tot}$$

78. (Currently Amended) A method for driving a display apparatus which comprises plural pixel electrodes arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, which apparatus further comprises,

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

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wherein, there are plural scanning electrodes connected with one edge of the storage capacitances whose other edges are connected with the pixel electrode of plural pixels belonging to one of the scanning electrodes;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

both the first capacitance ratio  $\alpha_{gd}$  shown by (Expression 82) and the second capacitance ratio  $\alpha_{st}$  shown by (Expression 83) are the different value according to the scanning electrode to which the storage capacitance is connected[[.]],

wherein the method applies the voltage to the pixel electrode via the storage capacitance after applying the voltage via the switching element.

(Expression 82)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

(Expression 83)

$$\alpha_{st} = C_{st}/C_{tot}$$

79. (Original) A method for driving a display apparatus which comprises plural pixel electrodes arranged in a matrix, a switching element connected with a pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, which apparatus further comprises,

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

the second capacitance ratio  $\alpha_{st} = C_{st}/C_{tot}$  shown by (Expression 84) varies according to the distance from the display edge of the scanning electrode



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wherein the method applies the voltage to the pixel electrode via the storage capacitance after applying the voltage via the switching element.

(Expression 84)

$$\alpha_{st} = C_{st}/C_{tot}$$

80. (Original) A method for driving a display apparatus which comprises a pixel electrode arranged in a matrix, a switching element connected with the pixel electrode, a scanning electrode, a picture signal electrode, an opposite electrode, which apparatus further comprises,

a storage capacitance between the pixel electrode and the scanning electrode other than the scanning electrode of the present line;

wherein, there are plural scanning electrodes connected with one edge of the storage capacitances whose other edges are connected with the pixel electrode of plural pixels belonging to one of the scanning electrodes;

wherein, when all capacitance connected with the pixel electrode in a pixel is denoted as  $C_{tot}$ , the gate-drain inter-electrode capacitance of the switching element is denoted as  $C_{gd}$ , the storage capacitance is denoted as  $C_{st}$ ,

both the first capacitance ratio  $\alpha_{gd}$  shown by (Expression 85) and the second capacitance ratio  $\alpha_{st}$  shown by (Expression 86) have a different value according to the scanning electrode to which the storage capacitance is connected, and are varied according to the difference from display edge of the scanning electrode,

wherein the method applies the voltage to the pixel electrode via the storage capacitance after applying the voltage via the switching element.

(Expression 85)

$$\alpha_{gd} = C_{gd}/C_{tot}$$

(Expression 86)

$$\alpha_{st} = C_{st}/C_{tot}$$

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81. (Currently Amended) A method for driving a display apparatus which comprises a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the thin-film-transistor; a storage capacitance electrode forming a storage capacitance with the pixel electrode; an opposite electrode formed to oppose the pixel electrode on the same substrate or on an other substrate; a gate drive circuit supplying a gate pulse to the gate wiring sequentially; and a source drive circuit supplying a source signal to the source wiring, on the opposing surface of one substrate among two substrates which are opposed to each other, wherein the storage capacitance decreases according to the distance from the feeding edge of the gate signal and the thin-film-transistor become small according to the decrease of the storage capacitance, wherein the method applies the gate pulse to more than two gate wirings at the same time.

82. (Currently Amended) A method for driving a display apparatus which comprises a source wiring and a gate wiring arranged in a matrix; a thin-film-transistor installed corresponding to each intersection of the source wiring and the gate wiring; a pixel electrode connected with the TFT; a storage capacitance electrode forming a storage capacitance between the pixel electrode; an opposite electrode formed to oppose the pixel electrode on the same substrate or on an other substrate; a gate drive circuit supplying a gate pulse to the gate wiring sequentially; and a source drive circuit supplying a source signal to the source wiring, on the opposing surface of one substrate among two substrates which are opposed to each other, wherein the thin-film-transistor is composed of a gate electrode connected with the gate wiring, a source electrode connected with the source wiring and a drain electrode connected with the pixel electrode, and the source electrode and the drain electrode are separated by channel-length L with width W, and the storage capacitance electrode becomes small according to the distance from the feeding edge of the gate signal, and the width W of the channel of the drain electrode of

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the thin-film-transistor is reduced according to the decrease of the area of the storage capacitance electrode, and the electrostatic capacitance formed by overlapping of the gate and the drain becomes constant,

wherein the method applies the gate pulse to more than two gate wirings at the same time.

83. (Canceled)